

CLAIMS

SUB  
A1 →

1. An inductor element, characterized in that said element comprises two conductors one on the other on a substrate in a state where the two conductors are mutually insulated, and one end of one conductor is connected with one end of the other while the conductor that is an upper layer is used as an inductor conductor.

2. The inductor element according to claim 1, characterized in that said two conductors have substantially the same shape.

SUB  
A2 →

3. The inductor element according to claim 1, characterized in that said two conductors have long shapes, and one end of one conductor in a longitudinal direction is connected with one end of the other in the longitudinal direction.

4. The inductor element according to claim 1, characterized in that said two conductors have circular shapes less than one turn, and one end of one conductor is connected with one end of the other.

5. The inductor element according to claim 1, characterized in that said two conductors have spiral shapes each number of turns of which is one or more, and one end of one conductor is connected with one end of the other.

6. The inductor element according to claim 1, characterized in that the two conductors are formed in substantially linear shapes, and one end of one conductor is connected with one end of the other.

7. The inductor element according to claim 1, characterized in that the two conductors are formed in meander shapes, and one end of one conductor is connected with one end of the other.

9. The inductor element according to claim 1, characterized by further comprising:

a capacitance component between the two conductors.

10. The inductor element according to claim 1, characterized in that said substrate is a semiconductor substrate.